

ELECTROLYTE FOR THE GALVANIC DEPOSITION OF ALUMINUM-MAGNESIUM ALLOYS

Abstract of the Disclosure

The invention relates to an electrolyte for the galvanic deposition of aluminum-magnesium alloys, which includes at least one aluminum-organic complex compound of the formula MAIR₄ or mixtures thereof and a magnesium alkyl compound, wherein M represents Na, K, Rb or Cs and R represents a C1 to C10 alkyl group, preferably a C1 to C4 alky group. The invention also relates to a method for producing an electrolyte, to a coating method, the use of the electrolyte and to an electrolysis kit.